

SALSA ON ICE REPORT: 11 November 2017

Weather:

Weather conditions, cloudy and windy in the morning, becoming sunny and calm in the afternoon, winds 32 knots, temperature minus 10C

SALSA Drillers on ice: Dar Gibson, Graham Roberts, Dennis Duling, Joshua Mehlin, Justin Burnett, Ed Krula, Anatoly Mironov, Bob Zook

Other team members on Ice:

Bob Zook, Ryan Venturelli

Drill Team Update

- Metal was fabricated for HPU-1 repair
- Main hose reel brake was installed and tested, now we are able to do extensive testing on the main hose reel.
- Justin and Anatoly working on drill operating system
- Ryan is using the driller's presence at the drill to allow her to do her tasking in the sediment lab, which is located at the same site.
- **Cargo: None**
- **Report by Dennis Duling**

SCINI Project Update

- This morning I met with Kurt Lombard and we discussed running the tether across the floor of the aquarium and into our lab. I need to mold the clump weight onto the end of the tether and this work needs to happen in our lab. Running the tether using cable mats and taping it down when needed took most of the morning. I have a rule of thumb used when estimating effort needed to complete tasks in Antarctica. Figure out how long, how much it will cost, how many people will be needed, how many spare parts you will need and then multiply them all by PI. This project was no exception. After spending the morning running 50ft of cable my afternoon was spent prepping the clump weight for the potting operations. After dinner I was actually ready to Mold the Kevlar in the tether to the retaining ring. Super glue and Kevlar are good friends and I leave the lab tonight with the tether mechanically attached to the Spelter cone. Tomorrow I will test the fiber one last time before filling the cone with potting compound. Thus the first step of 6 will be complete.



Photo by Dennis Duling

Dar Gibson after successful test of main hose reel brake